

# **Categorical Exclusion Documentation Format for Actions Other Than Hazardous Fuels and Fire Rehabilitation Actions**

## **Mohave County Patterson Slope Communication Site ROW Renewal DOI- BLM-AZ-C010-2011-0007-CX**

### **A. Background**

BLM Office: Kingman Field Office                      Lease/Serial/Case File No.: AZA 24023

Proposed Action Title/Type: Renewal of existing communication site ROW on Patterson Slope.

Location of Proposed Action: T. 29 N., R. 17 W., Sec.34

Description of Proposed Action: Renewal for a 20 year term of existing communication site facilities and access road. No changes are proposed.

### **B. Land Use Plan Conformance**

Land Use Plan Name: *Kingman Resource Management Plan/EIS*

Date Approved/Amended: March 1995

The proposed action is in conformance with the LUP, even though it is not specifically provided for, because it is clearly consistent with the following LUP decision(s) (objectives, terms, and conditions):

LR 14: "Commercial mountaintop development for communication sites are restricted to the eleven described on page 67." Patterson Slope is one of the eleven mountaintop sites designated.

### **C: Compliance with NEPA:**

1. The Proposed Action is categorically excluded from further documentation under the National Environmental Policy Act (NEPA) in accordance with 516 DM 11.9,E(9) Renewals and assignments of leases, permits, or rights-of-way where no additional rights are conveyed beyond those granted by the original authorizations.

This categorical exclusion is appropriate in this situation because there are no extraordinary circumstances potentially having effects that may significantly affect the environment. The proposed action has been reviewed (See Attachment 1), and none of the extraordinary circumstances described in 516 DM 2 apply.

In consideration of the proposed action for renewal without changes and incorporation of the Kingman Area User Association (KAUA) constitution and bylaws in the terms and conditions, no significant impacts are expected.

**D: Signature**

Authorizing Official: J Neckels  
(Signature)

Date: 12/16/12

Name: Jackie Neckels

Title: Assistant Field Manager, Nonrenewable Resources

**Contact Person**

For additional information concerning this CX review, contact Joyce Cook, Realty Specialist, Kingman Field Office, 2755 Mission Blvd., Kingman, AZ 86401, 928-718-3716.

## Attachment 1: Extraordinary Circumstances Review

Extraordinary Circumstances	Comment (Yes or No with supporting Rationale)
1. Have significant effects on public health or safety.	No. The majority of sites on Patterson Slope have security fences around buildings and towers or warning signs posted.
2. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988) national monuments; migratory birds; and other ecologically significant or critical areas.	No. The area has been and continues to be impacted by communication facilities. None of the natural resources and unique geographic characteristics listed will be impacted.
3. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources [NEPA Section 102(2)(E)].	No. The site is existing and within a Land Use Plan designated communication site.
4. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks.	No. The site is existing and within a Land Use Plan designated communication site.
5. Establishes a precedent for future action or represents a decision in principle about future actions with significant environmental effects.	No. Patterson Slope is a Land Use Plan designated communication site.
6. Have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects.	No. The existing site is within a Land Use Plan designated communication site.
7. Have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places as determined by either the bureau or office.	No. Patterson Slope has been used for communication facilities for a minimum of 20 years. Clearance were previous conducted. No cultural sites were found. There are no known National Register eligible properties in the area.
8. Have significant impacts on species listed, or proposed to be listed, on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species.	No. There is no critical habitat where the existing facilities are located.
9. Violate a Federal law, or a State, local, or tribal law or requirement imposed for the protection of the environment.	No. This action does not violate any Federal, state or tribal laws or requirements to protect the environment.
10. Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898).	No. The closest residential development is a minimum of 1 mile to the north and south.
11. Limit access to and ceremonial use of Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007).	No. The proposal would not have any impact on sacred sites. Access is not restricted. The proposal is within an existing communication site authorization and within a designated Land Use Plan communication site.
12. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112).	No. The renewal would not contribute to the spread of noxious weeds as the authorization will include a standard stipulation to prevent the spread of noxious weeds.

## Approval and Decision

### Attachment 2

**Compliance and assignment of responsibility (Type Program or Employee):**

Lands and Realty Staff

**Monitoring and assignment of responsibility: (Type Program or Employee):**

Lands and Realty Staff

**Review:** *We have determined that the proposal is in accordance with the categorical exclusion criteria and that it would not involve any significant environmental effects. Therefore, it is categorically excluded from further environmental review.*

**Prepared by:**

*Joyce A. Cook*

**Date:**

*12/8/10*

**Joyce Cook, Realty Specialist  
Project Lead**

**Reviewed by:**

*David Brock*

**Date:**

*12/13/2010*

**David Brock  
NEPA Coordinator**

**Reviewed by:**

*J. Neckels*

**Date:**

*12/16/10*

**Jackie Neckels  
Supervisor**

**Project Description:** Renewal for a 20 year term of existing communication site facilities and access road. No changes are proposed.

**Decision:** Based on a review of the project described above and field office staff recommendations, I have determined that the project is in conformance with the land use plan and is categorically excluded from further environmental analysis. It is my decision to approve the action as proposed, subject to the Exhibits shown below.

**Approved By:**

*J. Neckels*  
**Jackie Neckels**

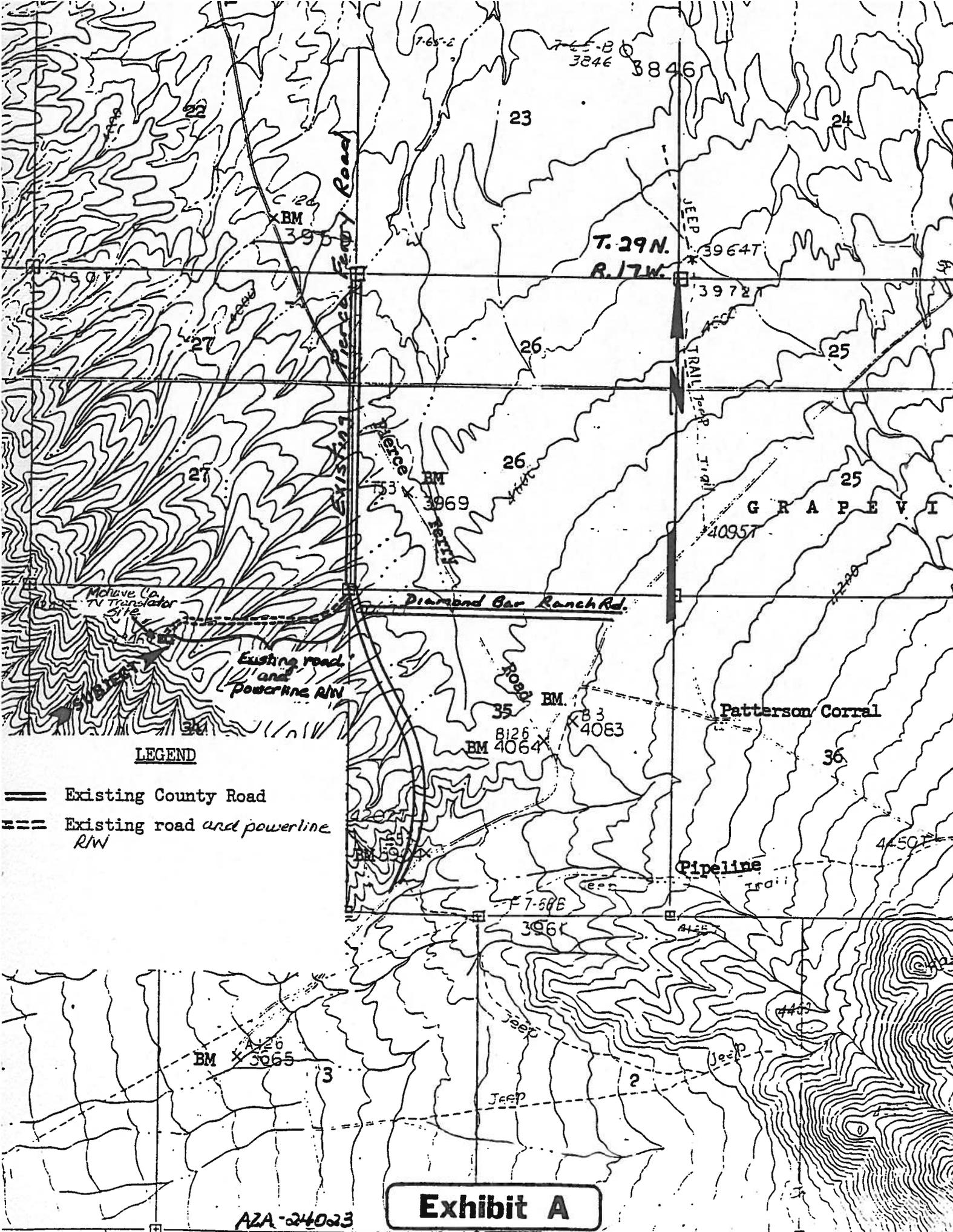
**Date:**

*12/16/10*

**Assistant Field Manager, Nonrenewable Resources**

#### Exhibits:

- A. Mohave County Site Diagram
- B. Mohave County Site Plan
- C. Stipulations
- D. Kingman Area Users Association Constitution and Bylaws



**LEGEND**

- == Existing County Road
- Existing road and powerline RW

**Exhibit A**

AZA-24023

PATTERSON SLOPE

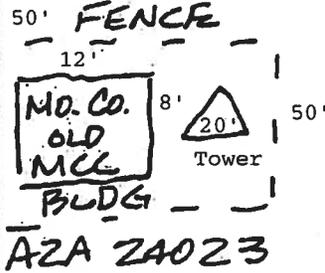
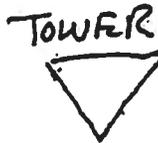
SITE SKETCH  
AZA 24023



ACCESS ROAD

FENCE

MOHAVE CELL  
MOHAVE CO.



NOTE: THIS RENEWAL IS FOR AZA 24023

**EXHIBIT C - Stipulations**  
**Mohave County Patterson Slope Communication Site**  
**AZA 24023**  
**November 2010**

1. This ROW is subject to the current version of the Kingman Area Users Association (KAUA) Constitution and Bylaws. The March 2005 version is attached as Exhibit D. A copy of the current Constitution and Bylaws and Right-of-Way Grant shall be kept on site at all times.
2. The holder shall maintain "good standing" with the KAUA as follows:
  - a. Participate in annual meetings
  - b. Participate in site inspections when scheduled.
  - c. Provide frequency information to the Secretary of the KAUA prior to installation.
3. This ROW will be subject to the Patterson Slope Communication Site Plan if and when completed. A copy of the Plan shall be kept on site at all times.
4. The right-of-way serial number, AZA 24023, shall be stenciled in two-inch letters on the door of the facility.
5. All-night lighting is not permitted. A motion detector must be used for outside lights.
6. The holder shall keep the site free and clean of trash, debris, parts, etc.
7. The holder shall be responsible for removal of flammable vegetation within 20 feet of facilities.
8. Exterior finishes shall be Carlsbad Canyon as shown on the attached Standard Environmental Color Chart. All surfaces shall be non-reflective. Dishes and dish covers must be gray.
9. This ROW is rental exempt. Only Federal, State and local government entities may co-locate in and on facilities. By October 15<sup>th</sup> of each year, the Holder must provide the Authorized Officer a certified statement, listing all customers, by category of use, located within the facility on September 30<sup>th</sup> of that year.
10. New on-the-ground facilities such as towers, buildings, fences, propane tanks, generators, etc. require an amendment to this authorization. Third party on-the-ground facilities require a separate authorization.
11. This ROW is assignable with prior written approval of the Authorized Officer.
12. Use of communications equipment is contingent upon the possession of a valid Federal Communications Commission (FCC) or Director of Telecommunications Management/Interdepartmental Radio Advisory Committee (DTM/IRAC) authorization (if required), and the operation of the equipment is in strict compliance with applicable

requirements of FCC or IRAC. A copy of each applicable license or authorization must at all times be maintained by the Holder for each transmitter being operated. The Holder must provide the Authorized Officer, when requested, with current copies of all licenses for equipment in or on facilities covered by this ROW.

13. The Holder must ensure that all equipment within the facility operates in a manner which will not cause harmful interference with the operation of existing equipment on or adjacent to the communications site. If the Authorized Officer or authorized official of the FCC determines that the Holders use interferes with existing equipment, the Holder must promptly take the necessary steps to eliminate or reduce the harmful interference to the satisfaction of the Authorized Officer or FCC official.
14. When requested by the Authorized Officer, the Holder must furnish technical information concerning the equipment located on the property.
15. The Holder assumes all risk of loss to the authorized improvements.
16. The Holder must comply with all applicable Federal, State, and local laws, regulations, and standards, including but not limited to, the Federal Water Pollution Control Act, 33 U.S.C. 1251 et seq., the Resource Conservation and Recovery Act, 42 U.S.C. 6901 et seq., the Comprehensive Environmental Response, Control, and Liability Act, 42 U.S.C. 9601 et seq., and other relevant environmental laws, as well as public health and safety laws and other laws relating to the siting, construction, operation, and maintenance of any facility, improvement, or equipment on the property.
17. The United States has no duty, either before or during the term, to inspect the property or to warn of hazards and, if the United States inspects the property, it will incur no additional duty nor any liability for hazards not identified or discovered through such inspections. This paragraph survives the termination or revocation of this ROW, regardless of cause.
18. The Holder has an affirmative duty to protect from damage the land, property, and interests of the United States.
19. The Holder must at all times operate the described property and its appurtenant areas and its buildings and facilities, whether or not on the property, in full compliance with Title VI of the Civil Rights Act of 1964 and all requirements imposed by or pursuant to the regulations issued thereunder by the Department of the Interior and in effect on the date this ROW is granted to the end that no person in the United States will, on the grounds of race, sex, color, religion, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any of the programs or activities provided thereon.
20. This ROW may be suspended or terminated upon breach of any of the terms or conditions herein or upon nonuse, or when in the public interest. Nonuse refers to a failure to operate consistently the facilities on the property for any period during the term in excess of 180 days.

21. Except in emergencies, or in the case of nonuse, the Authorized Officer will give the Holder written notice of the grounds for termination or suspension and a reasonable time, not to exceed 90 days, to complete the corrective action. After the prescribed period, the Bureau of Land Management is entitled to such remedies as are provided herein.
22. Any discretionary decisions or determinations by the Authorized Officer on termination or suspension are subject to appeal in accordance with the regulations in Title 43, Code of Federal Regulations.
23. In the event the Authorized Officer decides not to issue a new ROW, or the Holder does not desire a new ROW, the Holder must, prior to the termination of this ROW, restore and stabilize the site to the satisfaction of the Authorized Officer.
24. In the event this ROW is revoked for noncompliance, the Holder must remove all structures and improvements within a reasonable period as determined by the Authorized Officer, except those owned by the United States, and must restore the site as nearly as reasonably possible to its original condition unless this requirement is otherwise waived by the Authorized Officer.
25. If the Holder fails to remove all structures or improvements within the prescribed period, they will become the property of the United States and may be sold, destroyed, or otherwise disposed of without any liability to the United States.
26. This ROW is granted subject to the following reservations by the United States:
  - a. The right to all natural resource products now or hereafter located on the property unless stated otherwise herein, and the right to obtain, utilize, or dispose of such resources insofar as the rights and possession of the Holder are not unreasonably affected.
  - b. The right to modify the communications site plan as deemed necessary.
  - c. The right to enter upon the ROW and inspect all facilities to assure compliance with the conditions of this ROW.
  - d. The right of the United States to use or to authorize the use of the property for compatible uses, including the subsurface and air space.

On behalf of Mohave County, I have reviewed these stipulations and conditions and agree with them.

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for Mohave County

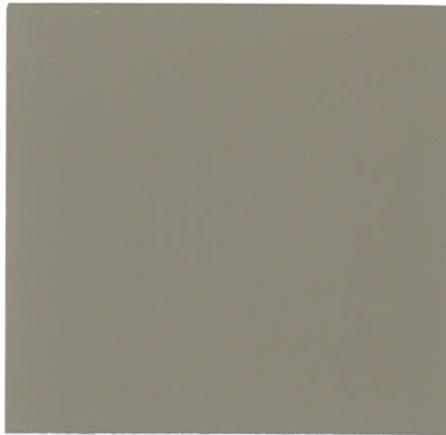
Date

# Standard Environmental Colors

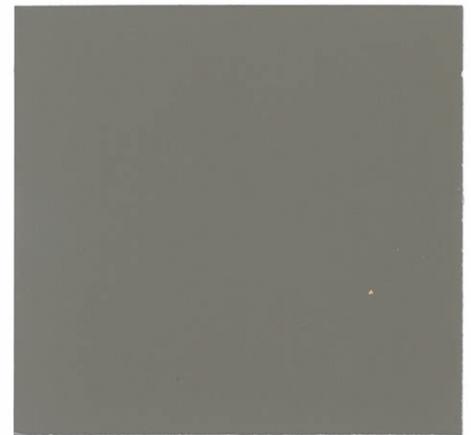
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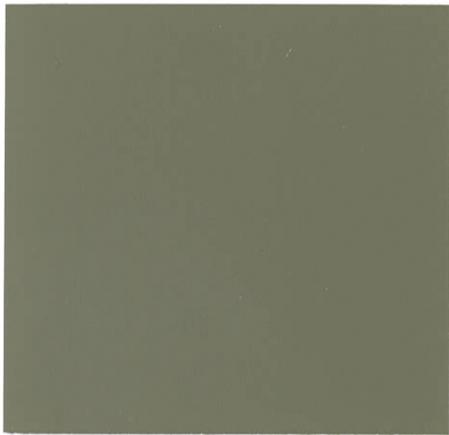
Carlsbad Canyon



Covert Green



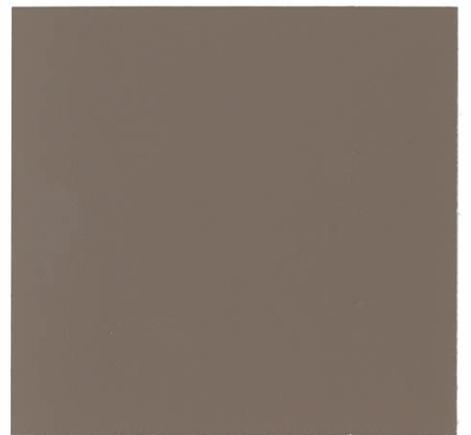
Shadow Gray



Juniper Green



Shale Green



Sudan Brown



Beetle



Yuma Green



Carob Brown

The **Standard Environmental Colors** chart was developed to assist with color selection to minimize the visual contrast of a facility in the landscape.

In order to ensure color accuracy, use an original color chart to match paint. When matching the color chip, request the paint company to have their computer scan set on “natural light.” Compare the new paint sample to the color chip under indirect natural sunlight. Use semi-gloss paint, where appropriate, to enhance durability yet reduce reflectivity. Select colors a shade or two darker than the surrounding landscape to account for natural shadows, normal fading, and weathering.

Order **Standard Environmental Colors** charts by emailing your request to: Printed Material Distribution System (PMDS), [BLM\\_NOC\\_PMDS@blm.gov](mailto:BLM_NOC_PMDS@blm.gov) or fax to 303-236-0845. Provide the quantity requested along with a contact name, physical address (no P.O. Boxes), and telephone number. For more information or questions, please call 202-912-7294 202-912-7284

## EXHIBIT D

### KINGMAN AREA USERS ASSOCIATION

#### CONSTITUTION

##### ARTICLE I

###### SECTION 1: Identification

This organization shall be called the Kingman Area Users Association, hereinafter referred to as "the Association".

###### SECTION 2: Purpose

The purpose of this organization shall be threefold:

To provide a cooperative forum for all users to resolve existing and possible future electromagnetic interference problems;

To provide coordination of funds and labor for maintenance and snow removal on the portion of the site access roads which must be maintained by and for the existing users; and

To provide recommendations on behalf of all users to the Site Manager, the United States Bureau of Land Management ("Bureau"), regarding compatibility of proposed equipment additions or modifications, and any other matter relating to the users' use and occupancy of all communication sites required to be members of this association by the BLM Kingman Field Office.

###### SECTION 3: Scope

This Association shall include all of the Primary Users of communication sites that the BLM Kingman Field Office requires to be members of a Users Association.

##### ARTICLE II

###### SECTION 1: Membership Qualifications

All primary users of all those sites shall be members in good standing of the Association, as required in the Bureau's Right of Way Agreement.

###### SECTION 2: Definition of "Good Standing"

Members shall be in good standing when all Association fees and assessments are paid, and when they are in compliance with the Association's Constitution and By-laws.

###### SECTION 3: Definition of "Primary User".

A Primary User is the site owner of a single-user site or the manager of a multiple-user site. The Primary user is ultimately responsible for site maintenance, payment of fees, assuring compliance of all secondary users, and making proper advance notification to the Association of new facilities contemplated.

KINGMAN AREA USERS ASSOCIATION  
CONSTITUTION  
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ARTICLE III

SECTION 1: Association Offices

The Association shall be coordinated and guided by a panel of Officers consisting of President, Vice President, and Secretary/Treasurer. Each office shall be assigned to the elected organization. The member organization shall be responsible for reassigning the Association Officership within itself when its representative changes employment or duties.

SECTION 3: Elections

Officers shall be elected by majority vote at the annual meeting, and shall hold office until the next annual meeting. The outgoing officers shall conduct the annual meeting, brief the new officers, relinquish all pertinent documentation, and then transfer control to the New Officers.

ARTICLE IV

SECTION 1: Voting

Each member or member organization in good standing who is also a Primary user shall have one vote per Right-of-Way.

SECTION 2: Amendments

Amendments to the Constitution may be made at the annual meeting only. Proposed changes must be distributed to all Primary Users and any other directly affected parties at least 30 days before the meeting.

An amendment must be passed by a two-thirds majority of all votes cast. Votes may be cast in person, by written proxy carried by an attending member, or by pre-written decision. If there are any votes cast by pre-written decision, however, and those votes are part of the two-thirds majority, the amendment must be passed exactly as it was written in the advance notice.

This Constitution is as amended by vote of the membership at the annual meeting held March 8, 2005.

# KINGMAN AREA USERS ASSOCIATION

## BYLAWS

### ARTICLE I

#### SECTION 1: President's Duties

1. Arrange for and preside at the annual meeting of the Association.
2. Represent the Association in public meetings and meetings with the Bureau of Land Management
3. Supervise the work of the other officers to assure coordination of efforts and on-time completion.
4. Approves and signs all Association expenditures greater than \$100.00.

#### SECTION 2: Vice-President's Duties

1. Assume any or all duties of the President's given appropriate notice, if the President is not able to fulfill them.
2. Monitor site inspections to assure fair and impartial results.
3. Coordinate and direct committee work.
4. Promote cooperation among users.

#### SECTION 3: Secretary-Treasurer's Duties

1. Prepare outgoing Association correspondence and present to President for approval and distribution.
2. Disseminate incoming correspondence to directly affected users.
3. Record minutes at annual meeting, and keep members apprised of meetings and planned activities which affect the Association, including annual and public meetings.
4. Maintain all files, records, and accounts, keeping them current and accurate. All Association documents shall be open for inspection by any member.
5. Pay all routine and ordinary expenses such as office supplies and postage that are less than \$100.00. Prepare all checks for payments greater than \$100.00 and present to the President for Approval and signature. Record all transactions, including date, amount received or disbursed, from or to whom, and for what purpose.

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ARTICLE II

SECTION 1: Financial Committee

1. The Financial Committee shall be an ad hoc committee, appointed by the President, which shall audit the Treasurer's financial records just prior to the annual meeting, and present a report of its findings at that meeting.

SECTION 2: Technical Committee

1. The Technical Committee shall be a standing committee which prepares and maintains the technical guidelines with which all users must ultimately conform. It shall consist of members of the Association, one representing a Primary User. A Primary User may provide only one member of the committee. The committee shall select a chairman, who shall represent the Association in technical matters. The committee shall also help the Bureau conduct annual site inspections and prepare a report of the results, to be presented at the following annual meeting. It shall perform other duties of a technical nature, like evaluating the compatibility of proposed additions or modifications and recommending acceptance or rejection to the Bureau.

SECTION 3: Road Committee

1. A Road Committee shall be established as a standing committee which monitors the condition of those roads that have established a road fund. These committees shall prepare a report for each annual meeting. It shall consist of members appointed from the Association who are users of the subject road. When the Association decides that conditions warrant repair or snow removal, the committee shall research the work, exploring all costs, complexity, and contracting options. This committee shall be responsible for providing not less than 120 days notice of work to the Bureau and the Bureau will be responsible for obtaining approval from the Department of Fish and Wildlife if necessary. The Road Committee shall present its findings to the Association and implement the approved plan of action. In emergencies, the Vice-President may evaluate the immediate need and with the President's approval implement appropriate action.
2. The users of each site location shall determine by a simple majority vote if they desire to establish a fund for maintenance of the road.

ARTICLE III

SECTION 1: Assessments

1. An annual assessment shall be made upon all Primary Users to provide funds for operational expenses. Special assessments may be made and apportioned as approved by the membership.

KINGMAN AREA USERS ASSOCIATION  
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SECTION 2: Maximum and Actual Assessment

1. The total annual assessment, comprised of all Primary User assessments, shall not exceed \$20,000.00 for each road. Setting a maximum simplifies fiscal planning for all members. The actual annual assessment shall be based on recommendations made by the Treasurer and Road Committee chairman at the annual meeting, and shall be approved by a simple majority of the members present with sites accessed by the subject road.
2. The treasurer shall account for receipts and expenses separately for each road.

SECTION 3: Formula

1. Administrative expense

The administrative expenses that exceed the revenue generated by data sheet filing fees shall be divided equally among all Primary Users.

2. Road Maintenance expense

The road maintenance expenses for each road shall be divided among all Primary Users of the subject road according to the following formula unless users of a specific road establish a different formula. Fifty percent (50%) of the total shall be divided evenly among the Primary Users. This amount is the site charge. The remaining Fifty percent (50%) shall be divided by the total number of transmitters and the resulting quotient is the cost per transmitter. This cost will therefore consist of two parts: the site charge and the cost per transmitter multiplied by the user's total number of transmitters.

3. Total Assessment

Each Primary Users annual assessment will therefore consist of their portion of the administrative expenses any road maintenance assessments that apply to the location of their site.

SECTION 4: Proration, late penalties, enforcement, collection

1. Assessments for new members shall be prorated to reflect the number of months that their sites were under construction or in use during the assessment period.
2. Assessments shall be due 30 days after the invoice date. After 30 days, a late fee of 1½ percent (1.5%) per month shall be added to the amount due. This penalty shall not reflect in the maximum assessment figure as stated in Section 2 above.

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3. Enforcement and collection action will be with the cooperation of the Bureau. As a member that has not paid the assessments is considered as a member "not in good standing" and is therefore in violation of the BLM Right-of-Way Agreement. The member will be reported by the Treasurer to the Bureau after six (6) months delinquency. Upon receiving this report, the Bureau is requested to begin action to terminate the members Right-of-Way Agreement.

ARTICLE IV

SECTION 1: Technical Standards

1. Adherence to these standards will minimize physical damage and interference, thus providing for improved electromagnetic compatibility for all users.

2. Installation Data Sheets

All users are required to complete a BLM data sheet for each transmitter prior to it's installation. The data sheet shall be submitted to the Secretary with payment of the proper processing fee. Installation may not begin until 30 days following distribution of the data sheet to all members by the secretary. Any objections to the new installation must be filed with the Technical Committee Chairman during this period.

Processing Fee Schedule:

Up to 3 Data Sheets    \$15.00  
Each additional sheet    \$ 5.00

3. Licenses

- A. License Posting

Each transmitter shall have a copy of the license for that transmitter or a tag indicating the call sign, licensee and licensee's address posted. If posted in a common location, each piece of equipment shall be marked in a manner that allows its license to be identified.

- B. Amateur Frequency Coordination

Transmitters licensed in the Amateur Radio Service, operating on channels coordinated by the Amateur Radio Council of Arizona frequency coordinators must attach written evidence of coordination to their Data Sheet prior to submission. Radios operating on frequencies that are not subject to coordination must be approved by the Association Technical Committee prior to installation.

4. Transmitters

- A. Type Acceptance

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All transmitters shall be FCC Type Accepted or meet type acceptance criteria.

B. Protective Devices

All transmitters shall have protective devices, designed-in or externally installed to prevent interference to others:

1) Direct radiation of out-of-band emissions (i.e. transmitter wideband noise, spurious emissions, harmonics) shall be reduced to a non-interfering level by using bandpass, low-pass, and/or harmonic filtering. Band-reject filtering may be required in certain applications.

2) Re-radiation of signals from a transmitter and its associated antenna system shall be prevented by installing appropriate devices (i.e. ferrite isolators), with a minimum return loss of 25 db.

C. Transmitter Power

1) Transmitter Power for Hayden Peak and Potato Patch Sites:

Transmitter power output shall not exceed 120 watts. The Effective Radiated Power (ERP) shall not exceed 1,200 watts. Microwave point-to-point systems shall be exempt from this requirement.

2) Transmitter Power for Getz Peak:

Transmitter Power on this site shall comply with their FCC license power and if that power exceeds 120 watts output, the antenna must be of a type with minimal radiation straight down and/or high enough to comply with ANSI Standard C95.1-1994.

3) Transmitter Power for Goldroad Crest:

Transmitter Power for the Goldroad Crest radiated at the lower level (4050' AMS) shall not exceed 120 watts. The Effective Radiated Power (ERP) shall not exceed 1,200 watts. Microwave point-to-point systems shall be exempt from this requirement. Transmitter Power at the upper level shall comply with their FCC licensed power and shall not exceed the authorized Effective Radiated Power (ERP) and the antenna must be of a type with minimal radiation straight down and/or be high enough to comply with ANSI Standard C95.1-1994.

5. Receivers

A. FCC Compliance

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All receivers shall comply with all applicable parts of the FCC rules, including Parts 2 and 15.

B. Selectivity

All receivers shall have sufficient "front-end" pre-selection to prevent receiver spurious response. The use of bandpass or band-reject cavities or crystal filters may be required to prevent receiver produced intermodulation or adjacent channel interference.

6. Antennas, Feedlines, and Support Structures

- A. Antennas and transmission lines, including those not in immediate use, shall be terminated in their characteristic impedance to prevent re-radiation of intercepted signals or noise.
- B. All coaxial transmission lines shall be of double-braided or solid-shielded construction and jacketed.
- C. All steel towers shall meet EIA Standard RS222C, Structural Standards for Steel Antenna Towers.
- D. All tower construction shall meet manufacturers recommended specifications for ice and wind in this area.
- E. All new towers will be Self Supporting (free standing), no guyed towers. Tower plus antenna shall not exceed 199' AGL. Towers will not be painted or lighted unless authorized by the authorized Bureau officer or directed to by the FAA.
- F. All metallic structural materials shall be galvanized, plated, or coated. Dissimilar metals shall not be placed in contact with each other in such a manner that could create a galvanic junction.
- G. Anti -climb devices, removable steps, or other means to discourage unauthorized climbing, are highly recommended.
- H. Transmission lines shall enter the building by a means to seal the building against weather and vermin. Cable trays, hangers, and strain reliefs should be installed as needed.

6. Electrical

- A. All electrical facilities, equipment, and the installation thereof, shall conform to the most recent edition of the "National Electrical Code" and local laws and regulations.

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B. All permanent AC wiring shall be installed in UL approved conduit.

7. Buildings

A. All buildings and structures shall conform to the latest edition of the "Uniform Building Code", and local laws and regulations at the time they are built.

B. All metallic materials used in building construction shall be galvanized, plated or coated. Dissimilar metals shall not be placed in such a manner that could create a galvanic junction.

C. Buildings shall be designed and installed to withstand severe weather conditions.

8. Site and Equipment Grounding

A. Site grounding must be constructed of copper, with #2 AWG or larger wire or 2" or larger solid copper strap, connected to an adequate site ground electrode system. Guy wires should also be grounded, using manufacturers approved methods to preclude bi-metallic junctions and corrosion. All equipment on the site (buildings, towers, power units, transmitters, receivers, combiners, telephone systems, power cabinets, etc.) must be connected to the site ground. High power operations should use copper strap bonding in accordance with manufacturers specifications. The grounding system shall comply with applicable laws and codes and in accordance with standard engineering practice.

9. Miscellaneous Equipment

A. Any miscellaneous equipment that could cause harmful interference shall be adequately shielded.

10. Housekeeping

A. Housekeeping has environmental, visual and aesthetic impact. It further has an electromagnetic compatibility impact. Debris which is permitted to remain adrift, and the residue of construction, installation, removal, modification or other evolution, raises the noise "floor" for all users and gives rise to intermodulation potential which often defies identification. No debris shall be allowed to accumulate.

SECTION 2: Grandfathering and Enforcement

1. Grandfathering

A. New users, new installations, and changes of equipment shall comply with all Technical Standards at the time of construction or installation of equipment.

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B. Existing users and equipment shall comply with the Technical Standards within the time frame specified at the annual inspection, if any noncompliance is found.

2. Enforcement: Annual Inspection

A. The Technical Committee and the Bureau shall conduct an annual inspection of each Primary User's site. This inspection will verify:

- a. Compliance with Technical Standards
- b. Structural integrity
- c. Electromagnetic compatibility
- d. General safety
- e. As-built plan accuracy

B. Any non-compliance found shall be recorder by the Bureau. The record will include:

- a. A description of the offense
- b. What corrective action is required
- c. The name and address of the responsible party or organization
- d. Time frame for completion of corrections

- 3. Copies of non-compliance reports and user's responses shall be forwarded to the Technical Committee Chairman for incorporation into the annual report.
- 4. The Bureau shall provide written notice of the scheduled inspection date at least 30 days in advance and each Primary User shall arrange to have personnel available at the site at the time of inspection.

SECTION 3. When Interference Occurs:

- 1. All users shall cooperate with this Association and the Bureau in identification and correction of any interference related problems.
- 2. Neither this Association nor the Bureau shall recognize complaints from users who are not in good standing.
- 3. New site applicants may be required to furnish an intermodulation study or other interference related data before the application can be evaluated.
- 4. The Technical Committee may request a field test for compatibility at the expense of the applicant before recommending acceptance or rejection of the application.

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ARTICLE V

SECTION 1: Annual Meeting

1. The Association shall conduct an annual meeting in Kingman, Arizona during the first quarter of each calendar year.

SECTION 2: Advanced Notice

1. The annual meeting notice shall be distributed no less than 30 days before the scheduled date. It shall include the date, time, place, and agenda items for the meeting. If any guests are scheduled, that information should also be included.

SECTION 3: ORDER OF BUSINESS

1. Robert's Rules of Order shall be followed in all procedural matters.
2. Meeting Format

Meetings shall have the following general form:

- a. Call to order
- b. Sign-in
- c. Reading of the minutes of last annual meeting
- d. Report of the Financial Committee
- e. Report of the Technical Committee
- f. Report of the Road Committee
- g. Determination of standing of members
- h. Old Business
- i. New Business
- j. Election of Officers
- k. Appointment of Committees
- l. Comments from members
- m. Adjournment

ARTICLE VI

SECTION 1: Amendments to the Bylaws at annual meeting

1. The Bylaws may be amended at the annual meeting by a two thirds majority of all votes cast, including proxy and pre-written votes.

SECTION 2: Amendments to the bylaws by mail

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1. The Bylaws may also be amended by mail. The proposed amendment(s) shall be mailed to all members in good standing with a 30 day response period from date of mailing. A signature sheet shall be circulated among voting members to record their concurrence or non-concurrence. The amendments may be passed if two-thirds of all eligible members concur in writing to the amendments as worded in the mailing.

These Bylaws are as amended by vote of the membership at the annual meeting held March 8, 2005.